

**REPRESENTING ENTITLEMENTS TO SERVICE
IN A CONDITIONAL ACCESS SYSTEM**

Abstract of the Invention

A cable television system provides conditional access to services. The cable television
5 system includes a headend from which service "instances", or programs, are broadcast and
a plurality of set top units for receiving the instances and selectively decrypting the
instances for display to system subscribers. The service instances are encrypted using
public and/or private keys provided by service providers or central authorization agents.
Keys used by the set tops for selective decryption may also be public or private in nature,
10 and such keys may be reassigned at different times to provide a cable television system in
which piracy concerns are minimized.